ecoglo Photoluminescent Egress System
Operating Instructions

FACILITY NAME:

FACILITY LOCATION:

OPERATIONS MANAGER:

1. Introduction

The ***ecoglo*** egress system is illuminated by natural or artificial light sources. The performance of the photoluminescent components depends upon the amount of light and the time of exposure to that light.
Based on the type of lights in the facility (ref ACTIVATION SOURCE TYPE) and the brightness of those lights (ref MINIMUM ILLUMINANCE AT TARGET) ***ecoglo*** will supply the time (ref ACTIVATION DURATION) that the lights must be left on to charge the photoluminescent components prior to a performance.

2. Operating Specifications

ACTIVATION SOURCE TYPE:	
MINIMUM ILLUMINANCE AT TARGET:	
ACTIVATION DURATION:	
TARGET LUMINANCE OUTPUT:	**17.6 mcd/m^2**
TARGET OUTPUT DURATION:	**140 minutes**

3. Operating Definitions

ACTIVATION SOURCE: Light source used to charge photoluminescent material.

ACTIVATION SOURCE TYPE: Type of light to act as activation source, eg metal halide, fluorescent light, incandescent light, natural light.

TARGET: Product containing photoluminescent material which is to be illuminated by the activation source.

MINIMUM ILLUMINANCE AT TARGET: Minimum illuminance, measured in lux, on the photoluminescent material.

ACTIVATION DURATION: Length of time that the activation light source must illuminate the target with the minimum illuminance level.

TARGET LUMINANCE OUTPUT: 17.6 mcd/m^2 as defined by ASTM E 2073-00.

TARGET OUTPUT DURATION: The maximum time that lighting may be reduced below 1 foot candle (10.76 lux) during a performance.

4. Maintenance & Cleaning

1. Cleaning to remove built up dirt and objects from the photoluminescent components will ensure the components continue performing to specification.

2. Mopping, high-pressure water **(but not water blasting or steam cleaning)** or wiping with a cloth will keep the photoluminescent components clean. Observation will determine if cleaning is required however a regular clean every 4 to 6 weeks or after particularly heavy use will ensure correct performance.

3. Do not use highly alkaline material (ph >8) to clean the product as this will result in the in deterioration of the anodised surface and delamination of the photoluminescent components. Similar difficulties will be experienced with acid material (ph <5).

4. Heavy objects should not come into contact with the nosings at any time. Damage occurring in this manner will not be repaired or replaced under the warranty issued by the manufacturer.